

## AUTHOR INDEX VOLUME XVIII

Abernathy, R. S., 172, 187  
 Adams, E., 822  
 Agress, C. M., 622  
 Ainger, L. E., 20  
 Ajello, L., 822  
 Allen, A. C., 277  
 Amram, S. S., 406  
 Andreae, E., 536  
 Auld, M., 947

Bader, M. E., 851  
 Bader, R. A., 851  
 Baker, K., 249  
 Bateman, R. D., Jr., 415  
 Bauer, H., 822  
 Bearn, A. G., 167  
 Bell, A. L. L., Jr., 536  
 Bellet, S., 613  
 Benjamin, Z. H., 677  
 Berglund, E., 397  
 Binder, M. J., 622  
 Bing, R. J., 385  
 Bishopric, G. A., 15  
 Blair, E., 519  
 Blain, J. M., 385  
 Blount, S. G., Jr., 871  
 Blumenfeld, S., 51  
 Blumgart, H. L., 1  
 Bockus, H. L., 354  
 Bogoch, A., 354  
 Bowers, C. Y., 169  
 Bradley, H. W., 567  
 Bradley, S. E., 249  
 Braunwald, E., 406  
 Bricker, N. S., 207  
 Bronsky, D., 259  
 Bryer, M. S., 782  
 Bryson, V., 723  
 Bunim, J. J., 27  
 Burchell, H. B., 220  
 Burnett, C. H., 454

Capel, L. H., 557  
 Case, R. B., 397  
 Casselman, W. G. B., 354  
 Chapman, J. S., 547  
 Cooper, E. S., 613  
 Crosby, W. H., 112  
 Crowley, L. V., 160  
 Curtis, J. K., 531

Dacie, J. V., 810  
 Dack, S., 577  
 Daley, R., 855  
 Daughaday, W. H., 1017

Dameshek, W., 315  
 Davis, J. H., 172, 187  
 Demerec, M., 723  
 Diggs, L. W., 243  
 Done, A. K., 20  
 Dorney, E. R., 150  
 Dresner, E., 74  
 Dressler, W., 591  
 Dubin, A., 259

Ebert, R. H., 738  
 Edwards, J. E., 220  
 Efrati, P., 348  
 Elster, S. K., 900  
 Ely, R. S., 20  
 Emanuel, D., 531  
 Etteldorf, J. N., 243

Fazekas, J. F., 477  
 Feder, I. A., 602  
 Finger, D., 839  
 Finland, M., 679  
 Finnerty, F. A., 477  
 Forbes, G. B., 947  
 Forsham, P. H., 3  
 Fowler, N. O., 150  
 Fudenberg, H., 961

Garrett, N. H., 15  
 Gilbert, M., 385  
 Goldfein, S., 577  
 Goodman, J. I., 448  
 Gordon, A. J., 406  
 Gorlin, R., 855  
 Gottstein, W. K., 155  
 Gray, D. M., 172, 187  
 Gutner, L. B., 51

Ham, T. H., 990  
 Hellerstein, H. K., 438  
 Hernandez, D. U., 822  
 Hickam, J. B., 519  
 Himmelstein, A., 406  
 Hirsch, E. F., 155  
 Hobby, G. L., 753  
 Horn, H., 900  
 Howard, J. M., 172, 187  
 Howe, J. S., 237

Irby, R., 41

Jacobs, K., 167, 345  
 January, L. E., 415

Jenkins, D., 3  
 Johnson, K. E., 172, 187

Kaplan, A., 354  
 Kass, E. H., 764  
 Kass, G. H., 146  
 Kelly, M. L., Jr., 842  
 Kelley, V. C., 20  
 Kleh, J., 477  
 Klopp, E., 172, 187  
 Kushner, D. S., 259

Laidlaw, J. C., 3  
 Lasser, R. P., 406  
 Lathem, W., 249  
 Lawlor, D. P., 462  
 Lechner, E., 613  
 Levin, M. E., 1017  
 Ley, A. B., 923  
 Liebow, I. M., 438  
 Lukas, D. S., 883  
 Lyons, H. A., 1022

Mannix, E. P., 150  
 Marcus, S., 622  
 Mason, A. D., Jr., 267  
 Matthews, M. B., 855  
 McCarty, M., 167, 345  
 McCord, M. C., 871  
 McEwen, C., 27  
 McHardy, R. J., 842  
 McMillan, I. K. R., 855  
 Medd, W. E., 855  
 Miller, M., 438  
 Mitchell, R. S., 557  
 Moscovitz, H. L., 406  
 Motulsky, A. G., 832  
 Mueller, C. B., 267  
 Mueller, H., 871  
 Mugler, F., Jr., 622  
 Mundy, R. L., 172, 187

Nicholson, W. M., 15  
 Nora, E. D., 66

Oard, H. C., 199  
 O'Meara, M. P., 172, 187  
 Osserman, E. F., 462

Palmer, W. L., 513  
 Parrish, A. E., 237  
 Parkin, T. W., 220  
 Paschkis, K. E., 507  
 Patton, J. F., 207  
 Paul, M. H., 1  
 Pearson, O. H., 923

## AUTHOR INDEX VOLUME XVIII

Abernathy, R. S., 172, 187  
 Adams, E., 822  
 Agress, C. M., 622  
 Ainger, L. E., 20  
 Ajello, L., 822  
 Allen, A. C., 277  
 Amram, S. S., 406  
 Andreae, E., 536  
 Auld, M., 947

Bader, M. E., 851  
 Bader, R. A., 851  
 Baker, K., 249  
 Bateman, R. D., Jr., 415  
 Bauer, H., 822  
 Bearn, A. G., 167  
 Bell, A. L. L., Jr., 536  
 Bellet, S., 613  
 Benjamin, Z. H., 677  
 Berglund, E., 397  
 Binder, M. J., 622  
 Bing, R. J., 385  
 Bishopric, G. A., 15  
 Blair, E., 519  
 Blain, J. M., 385  
 Blount, S. G., Jr., 871  
 Blumenfeld, S., 51  
 Blumgart, H. L., 1  
 Bockus, H. L., 354  
 Bogoch, A., 354  
 Bowers, C. Y., 169  
 Bradley, H. W., 567  
 Bradley, S. E., 249  
 Braunwald, E., 406  
 Bricker, N. S., 207  
 Bronsky, D., 259  
 Bryer, M. S., 782  
 Bryson, V., 723  
 Bunim, J. J., 27  
 Burchell, H. B., 220  
 Burnett, C. H., 454

Capel, L. H., 557  
 Case, R. B., 397  
 Casselman, W. G. B., 354  
 Chapman, J. S., 547  
 Cooper, E. S., 613  
 Crosby, W. H., 112  
 Crowley, L. V., 160  
 Curtis, J. K., 531

Dacie, J. V., 810  
 Dack, S., 577  
 Daley, R., 855  
 Daughaday, W. H., 1017

Dameshek, W., 315  
 Davis, J. H., 172, 187  
 Demerec, M., 723  
 Diggs, L. W., 243  
 Done, A. K., 20  
 Dorney, E. R., 150  
 Dresner, E., 74  
 Dressler, W., 591  
 Dubin, A., 259

Ebert, R. H., 738  
 Edwards, J. E., 220  
 Efrati, P., 348  
 Elster, S. K., 900  
 Ely, R. S., 20  
 Emanuel, D., 531  
 Etteldorf, J. N., 243

Fazekas, J. F., 477  
 Feder, I. A., 602  
 Finger, D., 839  
 Finland, M., 679  
 Finnerty, F. A., 477  
 Forbes, G. B., 947  
 Forsham, P. H., 3  
 Fowler, N. O., 150  
 Fudenberg, H., 961

Garrett, N. H., 15  
 Gilbert, M., 385  
 Goldfein, S., 577  
 Goodman, J. I., 448  
 Gordon, A. J., 406  
 Gorlin, R., 855  
 Gottstein, W. K., 155  
 Gray, D. M., 172, 187  
 Gutner, L. B., 51

Ham, T. H., 990  
 Hellerstein, H. K., 438  
 Hernandez, D. U., 822  
 Hickam, J. B., 519  
 Himmelstein, A., 406  
 Hirsch, E. F., 155  
 Hobby, G. L., 753  
 Horn, H., 900  
 Howard, J. M., 172, 187  
 Howe, J. S., 237

Irby, R., 41

Jacobs, K., 167, 345  
 January, L. E., 415

Jenkins, D., 3  
 Johnson, K. E., 172, 187

Kaplan, A., 354  
 Kass, E. H., 764  
 Kass, G. H., 146  
 Kelly, M. L., Jr., 842  
 Kelley, V. C., 20  
 Kleh, J., 477  
 Klopp, E., 172, 187  
 Kushner, D. S., 259

Laidlaw, J. C., 3  
 Lasser, R. P., 406  
 Lathem, W., 249  
 Lawlor, D. P., 462  
 Lechner, E., 613  
 Levin, M. E., 1017  
 Ley, A. B., 923  
 Liebow, I. M., 438  
 Lukas, D. S., 883  
 Lyons, H. A., 1022

Mannix, E. P., 150  
 Marcus, S., 622  
 Mason, A. D., Jr., 267  
 Matthews, M. B., 855  
 McCarty, M., 167, 345  
 McCord, M. C., 871  
 McEwen, C., 27  
 McHardy, R. J., 842  
 McMillan, I. K. R., 855  
 Medd, W. E., 855  
 Miller, M., 438  
 Mitchell, R. S., 557  
 Moscovitz, H. L., 406  
 Motulsky, A. G., 832  
 Mueller, C. B., 267  
 Mueller, H., 871  
 Mugler, F., Jr., 622  
 Mundy, R. L., 172, 187

Nicholson, W. M., 15  
 Nora, E. D., 66

Oard, H. C., 199  
 O'Meara, M. P., 172, 187  
 Osserman, E. F., 462

Palmer, W. L., 513  
 Parrish, A. E., 237  
 Parkin, T. W., 220  
 Paschkis, K. E., 507  
 Patton, J. F., 207  
 Paul, M. H., 1  
 Pearson, O. H., 923

## Author Index

Post, R. S., 172, 187  
Pung, S., 155  
  
Rasmussen, H. K., 531  
Ravitch, M. M., 406  
Reddy, W. J., 3  
Regna, P., 686  
Robbin, S. R., 577  
Ross, R. R., 671  
Rubenstein, N. H., 237  
Rupp, J. J., 507  
Rush, B. F., Jr., 172, 187  
Rusted, I. E., 220  
Ryan, J. A., Jr., 622  
  
Sapin, S. O., 406  
Sarnoff, S. J., 397  
Schechter, M. M., 561  
Schwartz, L., 961  
Schwartz, M. J., 577  
Seldin, D. W., 454  
Selzer, A., 567  
Sepulveda, G., 883  
  
Shipp, J. C., 160  
Sidbury, J. B., Jr., 932  
Siegel, A., 385  
Singer, K., 633  
Smith, C. N., 536  
Smith, J. D., 243  
Smith, L. H., Jr., 172, 187  
Soloff, L. A., 419  
Stats, D., 961  
Steinberg, I., 883  
Stout, D. G., 267  
Strange, D., 622  
  
Teschman, P. E., 172, 187  
Thomas, E. D., 832  
Thorn, G. W., 3  
Toone, E. C., Jr., 41  
Tuchman, L. R., 900  
Turner, R. H., 169  
Tuttle, A. H., 243  
  
Umbreit, W. W., 717  
Ungar, I., 385  
  
Vogl, A., 51  
von Oettingen, W. F., 792  
  
Walker, G. I., Jr., 199  
Walters, D. H., 832  
Walser, M., 454  
Wasserburger, R. H., 428  
Wasserman, L. R., 961  
Werner, S. C., 608  
West, C. D., 923  
Wigh, R., 160  
Willett, F. M., 567  
Winton, S. S., 66  
Wood, H. F., 345  
Wood, W. B., Jr., 351, 839  
  
Young, L. E., 486  
  
Zatuchni, J., 419  
Ziff, M., 27  
Ziskind, M. M., 561  
Zuhdi, M. N., 1022

## SUBJECT INDEX VOLUME XVIII

(CPC) = Clinico-pathologic Conference; (E.) = Editorial

**A**cidosis, respiratory, carbonic anhydrase inhibitor in, 536

**ACTH**  
and blood and extracellular fluid volume, 454  
in diagnosis of adrenal cortical insufficiency, 3

**Acute interstitial nephritis (CPC)**, 135

**Adams-Stokes syndrome**, 577

**Adrenal cortical insufficiency**, diagnosis of, 3

**Age and vascular disease**, influence of, on cerebral hemodynamics and metabolism, 477

**Amino acid excretion in renal disease**, 249

**Anatomy of the glomerulus**, 267

**Anemia**  
hemolytic, 961  
and autoantibodies, 810  
indications, mechanisms and classifications of, 315  
induced, ventricular function in, 397  
myelophthysic, in cancer of breast, 923  
sickle cell, and renal hemodynamics, 243

**Aneurysm of aortic sinus**, 160

**Angiocardiography in double aortic arch**, 1022

**Ankle pain despite orthopedic treatment**, 653

**Antibiotic**  
drugs for urinary tract infections, 764  
therapy, complications of, 792

**Antibiotics**  
action of, 717  
and bacterial infections, 782  
bacterial ecologic state induced by, 839  
chemistry of, 686  
foreword to symposium on newer aspects of, 679

**Anuria**, management in, 199

**Aortic**  
arch, absence of, 150  
double, angiographic study of, 1022  
sinus aneurysm, 160  
valvular disease and hemodynamics, 855

**Apparatus for determining functional residual capacity of lung**, 531

**Arteriosclerotic heart disease in diabetes mellitus**, 438

**Arthritis, rheumatoid**  
cortisone therapy in, 27, 41  
etiology and pathogenesis of, 74

**Bacilli, tubercle, in vivo**, 753

**Bacterial**  
infections, chemotherapy of, 782  
resistance, 723

**Benemid**, diuretic action of, 259

**Bernheim's syndrome**, 567

**Blood**  
and extracellular fluid volumes with ACTH and cortisone, 454

**Blood, vessels, minute**, in disease (E.), 169

**Breathing, work of (E.)**, 851

**Calcification, intracardiac, and pulmonary artery fistula**, 160

**Cancer of breast and myelophthysic anemia**, 923

**Cardiac**  
catheterization and aortic valvular disease, 855  
hypertrophy and insufficiency, 900

**Cerebral**  
hemodynamics, influence of age and vascular disease on, 477  
mucormycosis and *rhizopus oryzae*, 822

**Chemotherapeutic drugs for urinary tract infections**, 764

**Chemotherapy**  
of bacterial infections, 782  
of tuberculosis, 738

**Choroma and chloroleukemia**, 671

**Cirrhosis, portal, hepatic function in**, 354

**Clinic on psychosomatic problems (Massachusetts Gen. Hosp.)**  
extreme physical effort in summer heat followed by collapse, stupor, purpura, jaundice and azotemia, 659

**Clinico-pathologic conferences**  
chills, fever, sudden weight gain, oliguria and arrhythmia, 135  
diarrhea, chills, fever, cough and chest pain, 1007  
extreme physical effort in summer heat followed by collapse, stupor, purpura, jaundice and azotemia, 659  
joint pains, anemia, neuropathy, fever, convulsions and blindness, 335  
sudden onset of anemia, ecchymoses, fever, neurologic signs and stupor, 498

**Clubbing of fingers, unilateral**, 150

**Combined staff clinic (Columbia Univ.)**  
pituitary-gonadal relationships, 123

**Conference on therapy (Cornell Univ.)**  
surgical treatment of mitral valvular disease, 326

**Coronary**  
artery disease and hypertension, 567  
resistance in induced anemia, 397  
stenosis and induced anemia, 397

**Cortisone**  
and blood and extracellular fluid volumes, 454  
and hypothermia, 146  
therapy in rheumatoid arthritis, 27, 41

**Cyst fluid, composition of**, 207

**Cystic disease of kidneys**, 207

**Diabetes**  
labile, causes of, 448

## Subject Index

Diabetes, mellitus and arteriosclerotic heart disease, 438  
hepatic function in, 354  
myocardial metabolism in, 385  
Diamox, inhibition of carbonic anhydrase by, 536  
Disodium calcium EDTA and lead poisoning, 932  
Diuresis, production of, with benemid, 259

Edema, diuretic action of benemid in, 259  
EDTA and lead poisoning, 932  
Eisenmenger complex and ventricular septal defect, 871  
Electrocardiogram, precordial, in mitral regurgitation, 415  
Electrolyte  
metabolism and respiration in respiratory acidosis, 536  
serum and cerebrospinal fluid, 613  
Electrophoresis  
and abnormal hemoglobins, 633  
filter paper, of serum and urine proteins, 462  
Emphysema, intrapulmonary gas mixing in, 519  
Endocarditis, subacute bacterial, 602  
Euthyroid status and Graves' disease, 608

Fanconi syndrome and renal disease, 249  
Fever, pathogenesis of (E.), 351  
Fistula of pulmonary artery, 160  
Foreword to symposium on aspects of antibiotics, 679

Glomerulus, anatomy of, 267  
Gonads and pituitary, relationships of, 123  
Graves' disease and euthyroid status, 608

Heart  
block and Adams-Stokes syndrome, 577  
disease, arteriosclerotic, in diabetes mellitus, 438

Hemodynamics  
and aortic valvular disease, 855  
patterns in ventricular septal defect, 871

Hemoglobin  
abnormal, and hereditary hemolytic disorders, 633  
and bile pigment, metabolism of, in hemolytic disease, 112

Hemoglobinuria, 990

Hemolytic  
anemia, auto-immune, 810  
indications, mechanisms and classifications of, 315  
symptomatic and hemopathic, 961

disease, hemoglobin and bile pigments in, 112  
disorders, hereditary, and abnormal hemoglobins, 633

Hepatic  
function in diabetes mellitus, 354  
in portal cirrhosis and other liver diseases, 354  
sarcoidosis, 842

Homozygous hemoglobin C disease, 832

17-Hydroxycorticosteroids in rheumatic fever, 20

Hypertension and coronary artery disease, 567

Hypertrophy, cardiac, 900

Hypothermia following cortisone, 146

Idiopathic pericarditis and postcommissurotomy syndrome, 591  
Immunity to penicillin, 66  
Infections, respiratory, and renal insufficiency, 237  
Intrapulmonary gas mixing in emphysema, 519  
Ischemia, myocardial, surgery for (E.), 1

Juvenile pattern of adult Negro males, 428

Kidney  
artificial, in renal insufficiency, 187  
cystic disease of, 207

Labile diabetes, causes of, 448  
Lead poisoning and disodium calcium, EDTA, 932  
Liver  
and sarcoidosis, 842  
disease, hepatic function in, 354  
needle biopsy findings in diabetes mellitus, 354  
L-Triiodothyronine, thyrotropin and Graves' disease, 608  
Lung  
functional, residual capacity of, by open circuit method, 531  
irruption of air from, 547

Massive hepatic necrosis (CPC), 659  
Metabolism  
influence of age and vascular disease on, 477  
of hemoglobin and bile pigment in hemolytic disease, 112

Metastasis, neoplastic, and myelophthisic anemia, 923

Mitral  
regurgitation, electrocardiogram in, 415  
stenosis and rheumatic heart disease, 419  
valvular disease, surgical treatment of, 326  
surgery, pressure measurements in, 406

Mucormycosis, cerebral, 822

Myeloma, multiple, serum and urine proteins in, 462

Myelophthisic anemia in cancer of breast, 923

Myocardial  
infarction and shock, 622  
metabolism in diabetes, 385

Myxedema, fatal, coma due to, 1017

Neonatal formation of hemoglobin C, 832  
Nephritis and pneumonitis, 220  
Nephrotic syndrome, 277

Osteoarthropathy, pulmonary hypertropic, 51  
Oxytetracycline and salmonella enteritis, 839

Pain, chronic, and patient dependency, 653  
Panhypopituitarism and pluriglandular insufficiency 507

## Subject Index

Pasteurella multocida septicemia in man, 167  
Pathogenesis of fever (E.), 351  
Pituitary-gonadal relationships, 123  
Penicillin reactions, immunologic aspects of, 66  
Peptic ulcer, mechanism of pain in (E.), 513  
Pericarditis, idiopathic, and postcommissurotomy, 591  
Pluriglandular insufficiency and panhypopituitarism, 570  
Pneumomediastinum, 547  
Pneumonitis, hemorrhagic and interstitial, 220  
Poisoning, lead, and disodium calcium EDTA, 932  
Polyarteritis nodosa (CPC), 335  
Postcommissurotomy syndrome and pericarditis, 591  
Precordial electrocardiogram in mitral regurgitation, 415  
Pressures, left heart, in mitral valve surgery, 406  
Primary hemosiderosis of the lungs (CPC), 335  
Procaine amide in ventricular flutter, 348  
Pulmonary  
    artery fistula and intracardiac calcification, 160  
    functional residual capacity, 531  
    hypertrophic osteoarthropathy, significance of, 51  
    resection therapy, 557  
    tuberculosis, streptomycin-para-amino-salicylic acid treatment in, 557  
    veins, anomalous drainage of, 883

**Q**uinidine-induced ventricular flutter and procaine amide, 348

**R**enal  
    disease and Fanconi syndrome, 249  
        urinary amino acid excretion in, 249  
    insufficiency, acute, and respiratory infections, 237  
        artificial kidney in, 187  
        clinical characteristics of, 172  
        management of, 187  
        post-traumatic, in military casualties, 172, 187  
    studies in sickle cell anemia, 243  
Respiratory infection and renal insufficiency, 237  
Rheumatic  
    fever, circulating concentrations in, 20  
    heart disease, causes of death in, 419  
Rheumatoid arthritis  
    etiology and pathogenesis of, 74  
    prolonged cortisone therapy in, 27, 41  
Rhizopus oryzae and cerebral mucormycosis, 822

**S**almonella  
    enteritis and oxytetracycline, 839  
    pneumonia (CPC), 1007  
Sarcoidosis, hepatic, 842  
Seminars on hemolytic anemias  
    auto-immune haemolytic anaemias, 810  
    direct and indirect indications, pathogenic mechanisms and classifications, 315  
    hemoglobinuria, 990  
    hereditary hemolytic disorders associated with abnormal hemoglobins, 633

Seminars on hemolytic anemias, hereditary spherocytes, 486  
metabolism of hemoglobin and bile pigment in hemolytic disease, 112  
    symptomatic and hemopathic hemolytic anemia, 916  
Septal defect, ventricular, 871  
Septicemia, Pasteurella multocida, in man, 167  
Serum proteins, abnormal, in multiple myeloma, 462  
Shock and myocardial infarction, 622  
Sickle cell anemia and renal hemodynamics, 243  
Sinus, aortic, aneurysm of, 160  
Spherocytosis, hereditary, 486  
Streptomycin-para-amino-salicylic acid treatment of pulmonary tuberculosis, 557  
Streptococcus lactis in bacterial endocarditis, 345  
Subacute bacterial endocarditis  
    streptococcus lactis in, 345  
    treatment of, 602  
Superior vena cava syndrome, 561  
Surgery for myocardial ischemia (E.), 1  
Symposium on newer aspects of antibiotics, 679-809  
    bacterial resistance, 723  
    chemistry of antibiotics of clinical importance, 686  
    chemotherapeutic and antibiotic drugs in the management of infections of the urinary tract, 764  
    chemotherapy of bacterial infections refractory to the common antibiotics, 782  
    complications of antibiotic therapy, 792  
    fate of tubercle bacilli in vivo, 753  
    foreword, 679  
    mode of action of the antibiotics, 717  
    present status of the chemotherapy of tuberculosis, 738

**T** wave inversion in adult Negro males, 428  
Tetanus, management of, 947  
Thrombotic thrombocytopenic purpura (CPC), 498  
Thyroid diseases, diagnosis of, 15  
Thyroiditis, subacute, 677  
Transposition, complete, of great vessels, 155  
TSH test in diagnosis of thyroid diseases, 15  
Tubercle bacilli in vivo, 753  
Tuberculosis, chemotherapy of, 738

**U**lcer, peptic, mechanism of pain in (E.), 513  
Urinary tract infections, drugs for, 764  
Urine proteins, abnormal, in multiple myeloma, 462

**V**alvular disease, aortic, and cardiac catheterization, 855  
Veins, pulmonary, and anomalous drainage, 883  
Vena cava syndrome, 561  
Ventricular  
    asystole, tachycardia and fibrillation and Adams-Stokes syndrome, 577  
    flutter, quinidine-induced, and procaine amide, 348  
    function, 397  
    septal defect, 871

